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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Daniel KOPF et al.

Group Art Unit: 2828

Application No.: 10/581,893

Examiner: S. HAGAN

Filed: September 29, 2006

Docket No.: 120391

For: HIGH-REPETITION LASER SYSTEM FOR GENERATING ULTRA-SHORT
PULSES ACCORDING TO THE PRINCIPLE OF PULSE DECOUPLING

REQUEST FOR RECONSIDERATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the September 25, 2009 Office Action, reconsideration of the rejection is respectfully requested in light of the following remarks. Claims 1-10 and 12-23 are pending in this application.

The Office Action rejects claims 1, 2, 7, 8, 10, 12, 17, 18 and 20-23 under 35 U.S.C. §103(a) as being obvious over U.S. Patent No. 5,848,080 to Dahm in view of U.S. Patent No. 5,265,107 to Delfyett. The rejection is respectfully traversed.

Dahm and Delfyett fail to teach or suggest "the laser system is configured to generate femtosecond or picosecond pulses with a repetition rate of greater than 10 kHz and a peak pulse power greater than 100kw," as recited in claim 1. The Examiner agrees that neither applied reference discloses this feature. However, the Examiner asserts that it would have been obvious to one of ordinary skill in the art at the time of invention to adjust the pulse characteristics within the parameters of known optical equipment to achieve a desired power